

## Table of Contents

Structural Adaptations for Self-Organizing Multi-Agent Systems <i>Thomas Preisler and Wolfgang Renz</i>	1
On the Impact of Routers' Controlled Mobility in Self-Deployable Networks <i>Karen Miranda, Nathalie Mitton, and Tahiry Razafindralambo</i>	9
Coordination-level Adaptation in Distributed Systems <i>Ichiro Satoh</i>	15
Adaptive Experience-Based Composition of Continuously Changing Quality of Context <i>Mats Neovius</i>	21
Creating a Connectivity Decision Support System for Long-Term Evolution Direct (LTE Direct) <i>Michael Bartolacci</i>	27
Study on Special Characteristics of Japanese Firms in Adaptive Processes of Requirements Definition <i>Keisuke Kiritani and Masakazu Ohashi</i>	31
A Conceptual Framework for Guiding the Development of Feedback-Controlled Bulk Data Processing Systems <i>Martin Swientek, Bernhard Humm, Paul Dowland, and Udo Bleimann</i>	37
A Low Cost Adaptive Wireless Sensor Network for Accelerometer Data Collection <i>Ying Li and Peter Gould</i>	46
Computer Vision Techniques for Autonomic Collaboration between Mobile Robots <i>Catherine Saunders, Roy Sterritt, and George Wilkie</i>	51
Sink Mobility Strategies for Reliable Data Collection in Wireless Sensor Networks <i>Yuki Fujita, Daichi Kominami, and Masayuki Murata</i>	58
Adaptation for Active Perception, Robustness from Adaptation to Context <i>Paul Robertson and Andreas Hofmann</i>	64
Multi-Agent Model for Leader Identification in Platoon System <i>Dafflon Baudouin and Gechter Franck</i>	74
Interface Roles for Dynamic Adaptive Systems <i>Holger Klus, Dirk Herrling, and Andreas Rausch</i>	80
Ecosystems Enabling Adaptive Composition of Intelligent Services	85

*Cesar Marin, Jose Barbosa, and Paulo Leitao*

Cyber Organic System-Model -- New Approach for Automotives System Design 92  
*Daniel Adam, Joachim Froeschl, Uwe Baumgarten, Andreas Herkersdorf, and Hans-Georg Herzog*

How Adaptation and Transformation Complement Each Other to Potentially Overcome Signature Mismatches on  
Object Data Types on the Basis of Test-Cases 98  
*Dominic Seiffert and Oliver Hummel*

An Emerging Automation Framework for Adaptive Video Games 103  
*Muhammad Iftekher Chowdhury and Michael Katchabaw*